

	L #	Hits	Search Text	DBs	Errors
1	L1	418363	medical with image or compute\$5 adj2 tomogra\$5 or x-ray or ultrasound or magnetic resonance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
2	L2	871228	segment\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
3	L3	676	distance map	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
4	L4	318948	gradient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
5	L5	808521	protrusion or sphere or polyp or nodule or lesion or cancer or tumor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
6	L6	35	1 and 2 and 3 and 4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	

	Document ID	Title	Current OR	Current XRef	Inventor
1	US 20050196024 A1	Method of lung lobe segmentation and computer system	382/128	382/154; 382/173	Kuhnigk, Jan-Martin
2	US 20050152588 A1	Method for virtual endoscopic visualization of the colon by shape-scale signatures, centerlining, and computerized detection of masses	382/128	382/154; 382/162; 382/190; 600/407	Yoshida, Hiroyuki et al.
3	US 20050141765 A1	Toboggan-based shape characterization	382/181		Liang, Jianming et al.
4	US 20050113663 A1	Method and system for automatic extraction of load-bearing regions of the cartilage and measurement of biomarkers	600/407	128/922; 382/128; 600/410	Tamez-Pena, Jose et al.
5	US 20050113630 A1	Apparatus and methods for delivery of transcranial magnetic stimulation	600/13	336/15; 600/14; 600/407	Fox, Peter et al.
6	US 20050105786 A1	Automatic coronary isolation using a n-MIP ray casting technique	382/128		Moreau-Gobard, Romain et al.
7	US 20050093861 A1	Rendering for coronary visualization	345/419		Moreau-Gobard, Romain
8	US 20050008205 A1	System and method for detecting a protrusion in a medical image	382/128		Kiraly, Atilla Peter et al.
9	US 20050001832 A1	Method for local surface smoothing with application to chest wall nodule segmentation in lung CT data	345/419		Shen, Hong et al.
10	US 20040265888 A1	Binary encoded sequence tags	435/6	435/91.2	Kaufman, Joseph C. et al.
11	US 20040227756 A1	Method of volume visualisation	345/424		Dicken, Volker
12	US 20030099389 A1	Pleural nodule detection from CT thoracic images	382/131	382/154	Zeng, Xiaolan et al.
13	US 20030099384 A1	Detection and analysis of lesions in contact with a structural boundary	382/128		Zeng, Xiaolan et al.
14	US 20030082556 A1	Binary encoded sequence tags	435/6	435/91.2	Kaufman, Joseph C. et al.
15	US 20030050527 A1	Apparatus and methods for delivery of transcranial magnetic stimulation	600/13		Fox, Peter et al.
16	US 20020054701 A1	Image processing method and system for extracting a string of points following a threadlike structure in a sequence of images	382/132	382/199	Florent, Raoul et al.
17	US 20010031920 A1	System and method for performing a three-dimensional virtual examination of objects, such as internal organs	600/431	382/130; 382/131; 600/458	Kaufman, Arie E. et al.

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18	US 6943789 B2	Conversion of adaptively sampled distance fields to triangles	345/420	345/581	Perry; Ronald N. et al.
19	US 6773886 B2	Binary encoded sequence tags	435/6	435/91.1; 435/91.2; 436/94	Kaufman; Joseph C. et al.
20	US 6766043 B2	Pleural nodule detection from CT thoracic images	382/128	128/922; 378/62; 382/173; 382/199; 382/257	Zeng; Xiaolan et al.
21	US 6741246 B2	Hierarchical control point editing of adaptively sampled distance fields	345/420	345/419	Perry; Ronald N. et al.
22	US 6724393 B2	System and method for sculpting digital models	345/581	345/420; 345/428; 345/606	Perry; Ronald N. et al.
23	US 6633686 B1	Method and apparatus for image registration using large deformation diffeomorphisms on a sphere	382/294	382/131; 382/151; 382/215; 382/217; 382/291	Bakircioglu; Muge M. et al.
24	US 6408107 B1	Rapid convolution based large deformation image matching via landmark and volume imagery	382/294	382/151; 382/181; 382/201; 382/217; 382/218; 382/279; 382/282; 708/420; 708/426	Miller; Michael I. et al.
25	US 6383754 B1	Binary encoded sequence tags	435/6	435/91.1; 435/91.2; 436/94	Kaufman; Joseph C. et al.
26	US 6377865 B1	Methods of generating three-dimensional digital models of objects by wrapping point cloud data points	700/98	345/419; 703/2	Edelsbrunner; Herbert et al.
27	US 6343936 B1	System and method for performing a three-dimensional virtual examination, navigation and visualization	434/262	128/920; 128/922; 345/952; 345/959; 434/267; 434/272	Kaufman; Arie E. et al.
28	US 6262738 B1	Method for estimating volumetric distance maps from 2D depth images	345/419		Gibson; Sarah F. et al.
29	US 6226418 B1	Rapid convolution based large deformation image matching via landmark and volume imagery	382/294	382/131; 382/151; 382/291	Miller; Michael I. et al.
30	US 6201988 B1	Radiotherapy treatment using medical axis transformation	600/427	378/65	Bourland; J. Daniel et al.
31	US 6185320 B1	Method and system for detection of lesions in medical images	382/132	382/173; 382/209; 382/260; 382/308	Bick; Ulrich et al.

	Document ID	Title	Current OR	Current XRef	Inventor
32	US 5951475 A	Methods and apparatus for registering CT-scan data to multiple fluoroscopic images	600/425	128/922; 378/207; 378/42; 382/285; 382/294	Gueziec; Andre Pierre et al.
<u>33</u>	US 5452367 A	Automated method and system for the segmentation of medical images	382/128	382/171	Bick; Ulrich et al.
34	US 5364851 A	Conformationally restricted biologically active peptides, methods for their production and uses thereof	530/345	204/157.82; 205/435; 530/303; 530/311; 530/312; 530/315	Joran; Alvin D.
T4 35	US 20050008205 A	Protrusion e.g. polyp, detecting method, involves calculating gradient of distance mapped medical image, processing gradient by projecting rays, calculating value for each ray, and summing and scaling values to detect protrusion			KIRALY, A P et al.